

# Work Order ID 51108

August 4, 2009 11:04:00 AM



Page 1

Item ID:	D3518-3	Accept		Setup	Start	
Revision ID:	B				Stop	
Item Name:	Stainless Steel Ball Joint Rod End					
Start Date:	8/07/09	Start Qty:	10.00		Cust Item ID:	
Required Date:	8/07/09	Req'd Qty:	10.00		Customer:	
Reference:						

Approvals:	Process Plan:	<u>CL</u>	Date:	<u>09/08/04</u>	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3518	Rev B

100		0.00							
	PURCHASING								
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>10167</u> Purchase Part Number: 2458K14 Supplier: Mc Master Carr Certificate of conformity is required								

CL 09/08/04 10

110		0.00							
	Receive & Inspect for Damage & Mat'l Certs								
Packaging	Memo	0.00							
Packaging	Ensure certificate of conformity is attached								

CL 09/08/04 10

120		0.00							
	QC6- Inspect dimensions to drawing								
QC	Memo	0.00							
Quality Control									

2) Sort 08/04

(410) φ

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 51108**

August 4, 2009 11:04:00 AM



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Item ID: D3518-3

Accept



Setup Start



Revision ID: B

Item Name: Stainless Steel Ball Joint Rod End

Stop



Start Date: 8/07/09 Start Qty: 10.00



Cust Item ID:

Required Date: 8/07/09 Req'd Qty: 10.00



Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Run Start



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location	0.00							
Packaging									
	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
QC									
	Memo	0.00							
Quality Control									

9/8/7 90250

09-08-12  
AD

MF 09-08-08

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

August 4, 2009 11:03:59 AM

Page 1

Work Order ID: 51108

Parent Item: D3518-3RevB

Parent Item Name: Stainless Steel Ball Joint Rod End



Start Date: 8/07/09

Required Date: 8/07/09

Comments:

Start Qty: 10.00

Required Qty: 10.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
2458K14  rod end		Purchased	No			100	Each	0.0000	10.0000 		CL 09/08/06	10

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

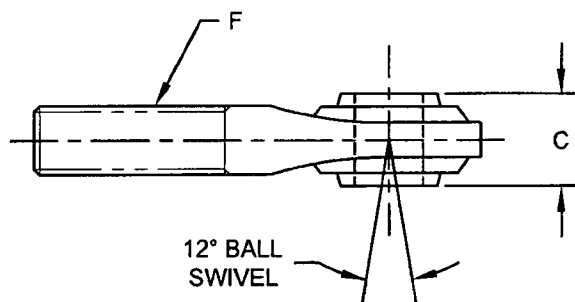
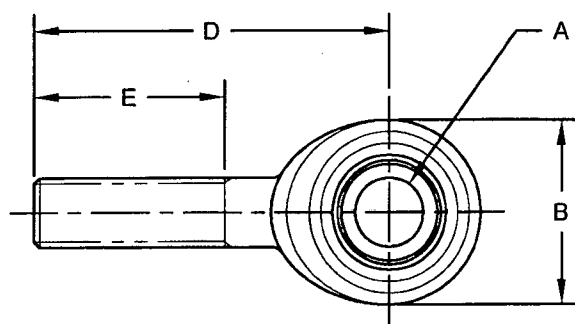
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



DESIGN <i>B</i>	DRAWN BY <i>B</i>	DART AEROSPACE LTD. HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>PH</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3518	REV. B SHEET 3 OF 3
DATE 06.10.23		TITLE BASKET (A119) STRUT	SCALE 1:1

## SPECIFICATION CONTROL DRAWING



REFERENCE ONLY

W/O 51105

DART P/N	A	B	C	D	E	F	LOAD*	POSSIBLE SUPPLIER
D3518-3	0.375	1.00	0.50	1.938	1.25	3/8-24 UNF, RH	4012	McMASTER-CARR, P/N 2458K14

\* Indicated load is Static Radial Load Capacity in lbs

### NOTES:

- 1) TYPE: MALE THREADED SHANK CARBON-FIBER-REINFORCED PLASTIC RACE BALL JOINT ROD END
- 2) MATERIAL: ZINC PLATED STEEL HOUSING BALL WITH PTFE LUBRICATED CARBON-FIBER-REINFORCED PLASTIC RACE.
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

RELEASED

06.11.17 *[Signature]*

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries



# McMASTER-CARR

200 Aurora Industrial Parkway  
Aurora OH 44202  
330-995-5500  
cle.sales@mcmaster.com

Dart Aerospace Ltd  
1270 Aberdeen St  
Hawkesbury ON K6A 1K7  
Canada

Purchase Order  
PO10167

Page 1 of

McMaster-Carr Number  
8742840-01

08/04/2009

Line	Description	Ordered	Shipped
1	2458K14 Carbon-Fiber Race Ball Joint Rod End, 3/8"-24 Right-Hand Male Shank, 4012 Pound Load Capacity	10 Each	10

3 - 483 - 03 04 - 72 K141 10 EA

## Certificate of compliance

This is to certify that the above items were supplied in accordance with the description and as illustrated in the catalog.

*Jason Wolfe*

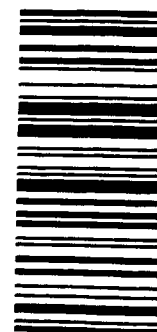
Jason Wolfe  
Compliance Manager

Dart Aerospace Ltd

EXP

Cycle

44



2 lb  
1 lin

FW1WBP3:  
08/04/2009  
13:33/13:47  
225

SS-R-0707

9022149119787

